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DVI-D Single-Link Fiber Extender

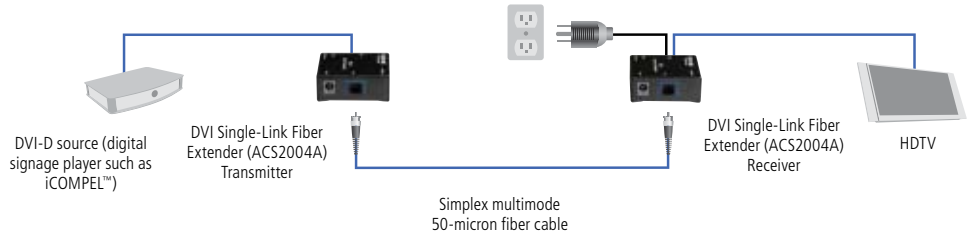
Extend high-resolution single-link DVI-D video for digital signage up to 1312 feet (400 meters).

FEATURES

- Send DVI-D video up to 1312 feet (400 meters) over simplex multimode 50-micron fiber.
- Supports HDTV 1080p with resolutions from 640 x 480 to 1920 x 1200.
- Transparent or emulated EDID and HDCP support.
- DDC is also transmitted transparently for a quick and easy installation.
- Ultra compact, completely plug-and-play with no setup or adjustments needed.

Typical Application

CONNECTORS: DVI-D | CABLE: Multimode–SC


DVI-D source (digital signage player such as iCOMPEL™)
DVI Single-Link Fiber Extender (ACS2004A) Transmitter
DVI Single-Link Fiber Extender (ACS2004A) Receiver
HDTV
Simplex multimode 50-micron fiber cable

OVERVIEW

The DVI-D Single Link Fiber Extender is compact and easy to install but packed with features to optimize your picture quality. The ACS2004A is perfect for digital signage. It can transmit to a full 1312 feet (400 meters) at 1920 x 1200 using just a single simplex multimode 50-micron fiber.

Transmission is totally transparent with no compression and no delay, so you will experience no loss of picture quality. DDC is also transmitted transparently for a quick and easy installation with no DDC troubleshooting required. In fact, this compact unit is completely plug-and-play, with no setup or adjustments needed.

This extender is ideal for a wide range of applications, from digital signage to industrial automation and control. Use the ACS2004A in any DVI extension application where video quality is paramount and space and fiber are at a premium.

NOTE: With 62.5-/125-µm fiber, link distance is reduced to 576 feet (180 m).

TECH SPECS

Distance (Maximum) — 1280 ft. (400 m)
RoHS — Yes
Connectors — TX interface: (1) DVI-D (24 + 1 pin), (1) HDMI (via optional adapter), (1) SC, (1) 2.1-mm barrel connector for power;
RX interface: (1) DVI-D (24 + 1 pin), (1) HDMI (via optional adapter), (1) SC, (1) 2.1-mm barrel connector for power
Power — (2) wall adapters: input: 120 VAC, 60 Hz or 230 VAC, 50 Hz; Output: 5 VDC, 0.5 A, 2.5 watts on barrel connector, 2.1-/5.5-mm positive on inner contact (local unit usually does not require a power supply because it draws power from the DVI interface)
Size — 1.5"H x 2.2"W x 2.2"D (2 x 5.5 x 5.5 cm)
Weight — Each unit: 0.2 lb. (0.1 kg)

What's included

- ✦ (1) transmitter
- ✦ (1) receiver
- ✦ (2) power supplies

Item	Code
DVI Single-Link Fiber Extender ✦ Includes (1) transmitter, (1) receiver, and (2) power supplies.	**ACS2004A**